



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY
ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED

By Carol Day at 1:50 pm, Sep 06, 2013

REPORT#7

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and whenever instrument is repaired. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 03450	PRINTER SN 95.1111.053	DATE OF INSPECTION 09/04/2013
LOCATION OF INSTRUMENT (STREET AND CITY) 501 FARAON ST. JOSEPH, MO		TIME OF INSPECTION 1930

CHECKLIST: Place a mark in the box by each item it found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

☒ DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)

☒ TEMPERATURE OF ALCO SENSOR (1 O-C - 40-C)

☒ PRINTER WORKING PROPERLY

☒ TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

☐ SIMULATOR SOLUTION

☒ COMPRESSED ETHANOL-GAS MIXTURE

☒ STANDARD SUPPLIER AIR GAS LOT # AG3000201 EXP. DATE 01/02/2015

☐ SIMULATOR TEMPERATURE (34°C ± 0.2°C) SIMULATOR SN SIMULATOR EXP DATE

☒ **CALIBRATION CHECK - (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)**

Run three tests using a standard solution. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED)

☒ 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE

☐ 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE

☐ 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 - .098

TEST 2 - .098

TEST 3 - .098

☒ RFI DETECTOR OPERATING

INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:
(DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS 8

(0-.04) 5

(.05-.09) 2

(.10-.14) 4

(.15-.19) 7

(OVER .19) 2

List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

INSPECTING OFFICER

SIGNATURE

PRINT NAME

TYPE II PERMIT NUMBER/EXPIRATION DATE

SCOTT GARY

220179 08/03/2014

TELEPHONE NUMBER

816-271-5359

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office
2875 James Boulevard
Poplar Bluff, MO 63901



Airgas Mid America (LABORATORY)
3500 Bernard Street
St. Louis, Mo. 63103
Ph: (314) 533-3100
Fax: (314) 533-7328

Certificate of Analysis

Customer Name
Inoximeters, Inc.
2081 Craig Road
St. Louis, Mo 63146

Test Date: 2-Jan-2013

Dear Sir,

This is your Certificate of Analysis:

<u>Exp. Date</u>	<u>Cyl. Type</u>	<u>Component</u>	<u>Certified Concentration</u>
1/2/2015	108	Ethanol	0.100 ± 2% BrAC (272 ppm)
		Nitrogen	Balance

Lot # AG300201

Certification Traceable to N.I.S.T. RGM Ethanol Standards:

<u>Serial No.</u>	<u>Concentration</u>	<u>Serial No.</u>	<u>Concentration</u>
EB0010581	391.5 ppm	EB0010603	390.9 ppm
EB0010570	258.4 ppm	EB0010559	258.3 ppm
EB0010285	208.9 ppm	EB0010595	209.2 ppm
EB0010561	101.9 ppm	EB0010562	104.9 ppm
EB0010681	53.0 ppm	EB0010579	52.4 ppm

Analytical Method: NDIR

Analyst: 

ISO 17025:2005 A2LA accredited. Certificate Number 2989.01

Serial no: 000430
no: 7410

TEST RECORD 05105

Date Date Time 2101

no: 7410

05/04/13 19:38

Subject Name

Subject Name

Subject Name

Location

Serial no: 000430
no: 7410

TEST RECORD 05105

Date Date Time 2101

no: 7410

05/04/13 19:38

05/04/13 19:38

Subject Name

Subject Name

Subject Name

Location

Serial no: 000430
no: 7410

TEST RECORD 05105

Date Date Time 2101

no: 7410

05/04/13 19:38

05/04/13 19:38

Subject Name

Subject Name

Subject Name

Location

Serial no: 000430
no: 7410

TEST RECORD 05105

Date Date Time 2101

no: 7410

05/04/13 19:38

05/04/13 19:38

Subject Name

Subject Name

Subject Name

Location

State of Missouri
DEPARTMENT OF HEALTH



P E R M I T
TYPE II



SCOTT GARY

Is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field repairs, and operate the following breath analyzer(s):

DATAMASTER; ALCO-SENSOR IV W/PRINTER

for the determination of the alcoholic content of blood from a sample of expired (alveolar) air. Issued under the provisions of sections 577.020 through 577.041, RSMo 1986.

Date 08/03/2012

Number 220179

Expires 08/03/2014

MO 590-0771 (7-88)

Director of State Public Health Laboratory

Director, Department of Health

Lab. 4 (R7-88)